



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of) PATENT APPLICATION
Inventor(s): Paul Berkowitz et al.)
Application No.: 09/328,306)
Filed: June 8, 1999)
Title: Method And Apparatus For Roaming In Hierarchical)
Mobile Communications Network)

DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name; I believe that I am the original, first and sole inventor (if one name is listed below), first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**METHOD AND APPARATUS FOR ROAMING IN HIERARCHICAL
MOBILE COMMUNICATIONS NETWORK**

the specification of which (check applicable ones):

_____ is attached hereto;
 X was filed with the above-identified "Filed" date and "SC/Serial No."
_____ was amended on (or amended through) _____.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above. I acknowledge the duty to disclose information which is material to the examination of the application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate as indicated below and have also identified below any foreign application for patent or inventor's certificate on this invention having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Priority Claimed

(Number) (Country) (Day/Month/Year Filed) Yes No

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulation, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

<u>(Application Serial No.)</u>	<u>(Filing Date)</u>	<u>(Patented, Pending, Abandoned)</u>
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I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith, and to file, prosecute and to transact all business in connection with international applications directed to said invention:

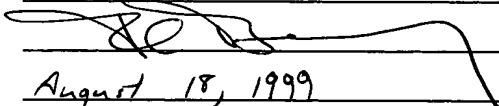
Paul Davis	29,294
John J. Bruckner	35,816
Michael J. Murphy	37,404
David J. Weitz	38,362
Kent R. Richardson	39,443
David J. Abraham	39,554
U.P. Peter Eng	39,666
George A. Willman	41,378
Jinntung Su	42,174
Travis L. Dodd	42,491
Barbara B. Courtney	42,442
Richard L. Gregory, Jr.	42,607
Van Mahamedi	42,828
Shantanu Basu	43,318

Address all correspondence to:

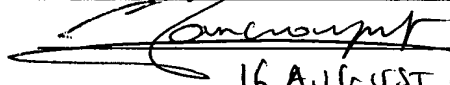
George A. Willman
Wilson, Sonsini, Goodrich & Rosati
650 Page Mill Road
Palo Alto, CA 94304

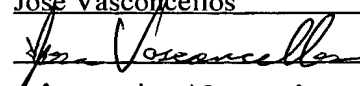
Direct all telephone calls to George A. Willman at (650) 493-9300.

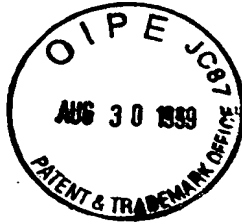
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, United States Code, §1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of
first inventor: Paul Berkowitz
Inventor's signature: 
Date: August 18, 1999
Citizenship: U.S.A.
Residence: 237 Prospect Avenue, Little Silver, New Jersey 07739
Post Office Address: Same as above.

Full name of second joint
inventor, if any: Chauncey Shey
Inventor's signature: _____
Date: _____
Citizenship: U.S.A.
Residence: 19 Oldingham Circle, East Brunswick, New Jersey 08816
Post Office Address: Same as above.

Full name of third joint
inventor, if any: Jan Vancraeynest
Inventor's signature: 
Date: 16 AUGUST 1999
Citizenship: Belgium
Residence: 10 Bryant Crescent, #7F, White Plains, New York 10605
Post Office Address: Same as above

Full name of fourth joint
inventor, if any: Jose Vasconcellos
Inventor's signature: 
Date: August 18, 1999
Citizenship: U.S.A.
Residence: _____
Post Office Address: P.O. Box 311, Lincroft, New Jersey 07738



Attorney Docket No. 16296.705

Full name of first inventor: Paul Berkowitz
Inventor's signature: _____
Date: _____
Citizenship: U.S.A.
Residence: 237 Prospect Avenue, Little Silver, New Jersey 07739
Post Office Address: Same as above.

Full name of second joint inventor, if any: Chauncey Shey
Inventor's signature: [Signature]
Date: 8/18/99
Citizenship: U.S.A.
Residence: 19 Oldingham Circle, East Brunswick, New Jersey 08816
Post Office Address: Same as above.

Full name of third joint inventor, if any: Jan Vancraeynest
Inventor's signature: _____
Date: _____
Citizenship: Belgium
Residence: 10 Bryant Crescent, #7F, White Plains, New York 10605
Post Office Address: Same as above

Full name of fourth joint inventor, if any: Jose Vasconcellos
Inventor's signature: _____
Date: _____
Citizenship: U.S.A.
Residence: _____
Post Office Address: P.O. Box 311, Lincroft, New Jersey 07738

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

IN RE PATENT APPLICATION OF

Paul Berkowitz et al.

Application No.: 09/328,306

Filing Date: June 8, 1999

Title: Method And Apparatus For Roaming In
Hierarchical Mobile Communications
Network



Examiner: Not Yet Assigned

Group Art Unit: 2742

POWER OF ATTORNEY BY ASSIGNEE
TO EXCLUSION OF INVENTOR UNDER 37 C.F.R. § 3.71
WITH REVOCATION OF PRIOR POWERS

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

The undersigned ASSIGNEE of the entire interest in the above-identified application for letters patent hereby appoints:

Paul Davis	29,294
John J. Bruckner	35,816
Michael J. Murphy	37,404
David J. Weitz	38,362
Kent R. Richardson	39,443
David J. Abraham	39,554
U.P. Peter Eng	39,666
George A. Willman	41,378
Jinntung Su	42,174
Travis L. Dodd	42,491
Barbara B. Courtney	42,442
Richard L. Gregory, Jr.	42,607
Van Mahamedi	42,828
Shantanu Basu	43,318

to prosecute this application and transact all business in the United States Patent and Trademark Office in connection therewith and hereby revokes all prior powers of attorney; said appointment to be to the

exclusion of the inventors and the inventors' attorneys in accordance with the provisions of 37 C.F.R. § 3.71.

The following evidentiary documents establish a chain of title from the original owner to the Assignee:

- ☒ a copy of an Assignment attached hereto, which Assignment has been (or is herewith) forwarded to the Patent and Trademark Office for recording; or
- ☐ the Assignment recorded on _____ at reel ___, frames ___ - ___.

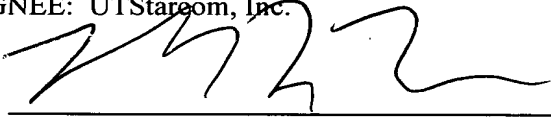
Pursuant to 37 C.F.R. § 3.73(b) the undersigned Assignee hereby states that evidentiary documents have been reviewed and hereby certifies that, to the best of ASSIGNEE's knowledge and belief, title is in the identified ASSIGNEE.

Direct all telephone calls to George A. Willman, (650) 493-9300.

Address all correspondence to:

George A. Willman
WILSON SONSINI GOODRICH & ROSATI
650 Page Mill Road
Palo Alto, California 94304-1050

ASSIGNEE: UTStarcom, Inc.

Name: 
Russell Boltwood

Title: H.R. Director/Corporate Counsel

Date: 19 Aug 99

JOINT TO CORPORATE
ASSIGNMENT

WHEREAS, the undersigned,

BERKOWITZ, Paul
237 Prospect Avenue
Little Silver, New Jersey 07739

SHEY, Chauncey
19 Oldingham Circle
East Brunswick, New Jersey 08816

and

and

VANCRAEYNEST, Jan
10 Bryant Crescent, #7F
White Plains, New York 10605

VASCONCELLOS, Jose
P.O. Box 311
Lincroft, New Jersey 07738

hereinafter termed "Inventors", have invented certain new and useful improvements in

METHOD AND APPARATUS FOR ROAMING IN HIERARCHICAL
MOBILE COMMUNICATIONS NETWORK

and have filed an application for a United States patent disclosing and identifying the above invention on June 8, 1999 as Application Serial No. 09/328,306; and

WHEREAS, UTStarcom, Inc., a corporation of the State of Delaware, having a place of business at 33 Wood Avenue, South, 8th Floor, Iselin, New Jersey 08830, (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventors to have been received in full from said Assignee:

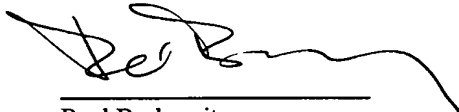
1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.

2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.

4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, said Inventors have executed and delivered this instrument to said Assignee as of the dates written below.



Paul Berkowitz

Date

State of _____)
County of _____)

On Aug. 18, 1999, before me, _____
personally appeared _____

☐ personally known to me or ☐ proved to me on the basis of satisfactory evidence, to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person or the entity upon behalf of which the person acted, executed the instrument.

YING HA CHEN
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 12/23/2003
8/18/99

(Notary Public)

State of _____)
County of _____)

On _____, 1999, before me, _____
personally appeared _____

☐ personally known to me or ☐ proved to me on the basis of satisfactory evidence, to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person or the entity upon behalf of which the person acted, executed the instrument.

Chauncey Shey

Date

WITNESS my hand and official seal.

(Notary Public)

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.

4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, said Inventors have executed and delivered this instrument to said Assignee as of the dates written below.

State of _____)
County of _____)

On _____, 1999, before me, _____
personally appeared _____

Paul Berkowitz

☐ personally known to me or ☐ proved to me on the basis of satisfactory evidence, to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person or the entity upon behalf of which the person acted, executed the instrument.

Date

WITNESS my hand and official seal.

(Notary Public)

State of CA)
County of SAN MATEO)

On AUGUST 18, 1999, before me, SHIRLEY L. PRESS
personally appeared CHAUNCEY SHAY

[Signature]
Chauncey Shay

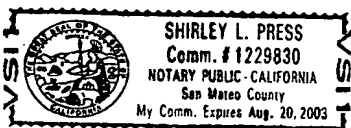
☐ personally known to me or ☒ proved to me on the basis of satisfactory evidence, to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person or the entity upon behalf of which the person acted, executed the instrument.

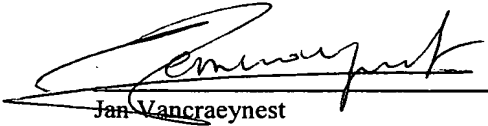
8/18/99
Date

WITNESS my hand and official seal.

[Signature]
(Notary Public)

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Jan Vancraeynest

16 AUGUST 1999

Date

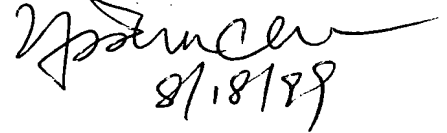
State of California)

County of)

On _____, 1999, before me, _____
personally appeared _____

☐ personally known to me or ☐ proved to me on the basis of
satisfactory evidence, to be the person whose name is subscribed to the
within instrument and acknowledged to me that he executed the same in
his authorized capacity, and that by his signature on the instrument the
person or the entity upon behalf of which the person acted, executed the
instrument.

YING HA CHEN
NOTARY PUBLIC OF NEW JERSEY
WITNESS my hand and official seal.
Commission Expires 12/23/2003


8/18/99

(Notary Public)

State of California)

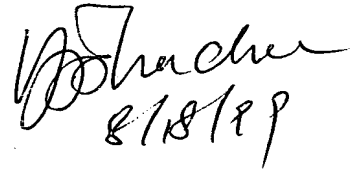
County of)

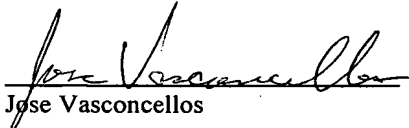
On _____, 1999, before me, _____
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his authorized capacity, and that by his signature on the instrument the
person or the entity upon behalf of which the person acted, executed the
instrument.

WITNESS my hand and official seal.

YING HA CHEN
NOTARY PUBLIC OF NEW JERSEY
(Notary Public)
Commission Expires 12/23/2003


8/18/99


Jose Vasconcellos

8/18/99
Date